

	8		7		6	
D	ITEM	QTY -041	QTY -043	PART NUMBER	DESCRIPTION	
		X		D4464-041	FUEL TANK ASSEMBLY	
			X	D4464-043	FUEL TANK ASSEMBLY	
	1	2	2	D3997-5	PLACARD (AUX FUEL DRAIN)	
	2	1	1	D3997-11	PLACARD (LOADING)	
	3	1	1	D3997-17	PLACARD (STOWAGE)	
	4	1	1	D3997-29	PLACARD (WARNING)	
	5	1	1	D3997-43	PLACARD (EARTH)	
	6	1	1	D3999-7	CORNER	
	7	1	1	D4000-1	FITTING	
	8	1	1	D4000-5	FUEL TANK VENT FITTING	
	9	3	3	D4000-9	GROMMET	
	10	1	1	D4000-045	FUEL PICK UP AND STRAINER ASSEMBLY	
	11	1	1	D4008-11	TANK HINGE HALF	
	C	12	1	1	D4008-041	FUEL FILLER SPLASH GUARD ASSEMBLY
13		1	1	D4023-3	FUEL CAP AND FLANGE	
14		1	1	D5473-063	FUEL SENDER ASSEMBLY	
15		3	3	D4057-1	RETAINER	
16		1	1	D4062-041	TANK SUPPORT	
17		1	1	D4125-1	FWD SEDIMENT BOWL	
18		1	1	D4125-3	AFT SEDIMENT BOWL	
19		2	2	D4404-5	CUSHION, FWD	
20		1	1	D4462-1	BAFFLE	
21		1	1	D4462-3	BAFFLE	
22		1	1	D4463-041	TOP TANK ASSEMBLY	
23		1	1	D4463-3	TANK AFT END	
24		1	1	D4463-5	TANK UPPER CUT OUT	
25		1	1	D4463-7	TANK FORWARD END	
B		26	1	1	D4463-9	TANK BACK
	27	1	1	D4463-11	TANK FRONT	
	28	1	1	D4463-13	TANK BOTTOM	
	29	1		D4577-041	FWD ACCESS PANEL ASSEMBLY	
	30		1	D4577-043	FWD ACCESS PANEL ASSEMBLY	
	31	1		D4577-1	REAR ACCESS PANEL	
	32	1		D4577-3	MIDDLE ACCESS PANEL	
	33		1	D4577-7	REAR ACCESS PANEL	
	34		1	D4577-9	MID ACCESS PANEL	
	35	1	1	D4968-1	CUSHON, SIDE	
	36	1	1	D4975-1	ANGLE BRACKET	
	37	24		AN3-5A	BOLT	
	38	5	5	AN3H5A	BOLT	
	39	4	4	AN3-7A	BOLT	
	A	40	4	4	MS20426AD4-4	RIVET, CSK
41		165	165	MS20470AD4-4	RIVET, PANHEAD	
42		8	8	MS20470AD4-6	RIVET, PANHEAD	
43		4	4	MS21042L3	NUT	
44			24	MS24693-C273	SCREW, COUNTERSUNK	
45		13	13	NAS1149D0332J	WASHER	
46		24		NAS1149D0363J	WASHER	

UNDER REVIEW  
ECR: HB ECR 55

J	ADD -043 CONFIGURATION PER PAR15-432. CORRECT -041 QTY P/N NAS1149D0332J WAS 26 IS 13, QTY P/N AN3H5A WAS 18 IS 5. UPDATE NOTES SHT 2 & 3.	PM	19.02.06
I	REPLACED D4025-5 FUEL SENDER ASSY WITH D5473-063 FUEL SENDER ASSY	WK	17.08.01
H	REPLACED NOTE 8 (SHT 2), ADDED NOTE 14 (SHT 2), ADDED AUXILIARY VIEW (SHT 3), ADDED NOTE 15 (SHT 4), REPLACED NOTE 13 (SHT 5), SHT 4 WAS SHT 3, SHT 5 WAS SHT 4, REMOVED D4124-1 TABS & AN3-6A BOLTS, CHEMICAL CONVERSION COAT NOW AFTER WELDING (SHT 5), ADD AN3-7A BOLTS	CC	15.02.06
G	FINISH "FLAT GREY" WAS "GREY" (SHT 2); PICTORIAL UPDATE FOR D4000-1 & D4462-1	AP	14.12.05
F	AN3-5A WAS AN3C4A QTY. 24 (ZN D6-2) AN3H5A WAS AN3-5A QTY. 5 (ZN D7-2) MS20470AD4-6 WAS MS20426AD4-6 QTY. 8 (ZN B5-2) D4000-1 IS NO LONGER INSTALLED WITH COUNTERSUNK RIVETS UPDATE NOTE 10 ON SHEET 3	ML	14.06.27
E	UPDATED -041 WITH RE-DESIGNED D4463-3/-9/-11 AND D4462-1/-3. D4968-1 REPLACES D4404-5 ON TANK SIDE (ZN C3-2) REF NCR 13-3100 AN3-6A REPLACES MS35206-266 (ZN B8-2) NAS1149D0332J REPLACES 5 X NAS1149D0363J (ZN D7-2) REF PAR 12-217 D4975-1 REPLACES D3999-9 (ZN C3-2) REMOVED TAB D3999-11 AND MOVED D3997-43 PLACARD (ZN B6-5) UPDATED BILL OF MATERIALS REVISED ALL NOTES REMOVED SHEET 5	ML	14.05.13
D	ADDED NOTE RE HAND FORMING D4124-1, ZN A8-4.	DC	12.05.02
C	UPDATED -041 WITH RE-DESIGNED D4463-11/-13 REV. C PARTS, ZN B6-2. UPDATED -041 WITH RE-DESIGNED D4577-041/-3/-5 PARTS, ZN C6-2.	DC	12.03.27
B	UPDATED -041 WITH RE-DESIGNED PARTS. REMOVED D4463-13. ADDED D4577-041/-1/-5 ACCESS PANELS, ZN C6-2.	DC	11.12.14
A	NEW ISSUE. REF PAR11-117 & CAR 11-54.	DC	11.10.19
REV.	DESCRIPTION	BY	DATE
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DRAWN	PM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	DRAWING NO.	REV. J
MFG. APPR.	JFS	D4464	SHEET 1 OF 6
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DE APPR.	DS	TANK ASSEMBLY	NTS
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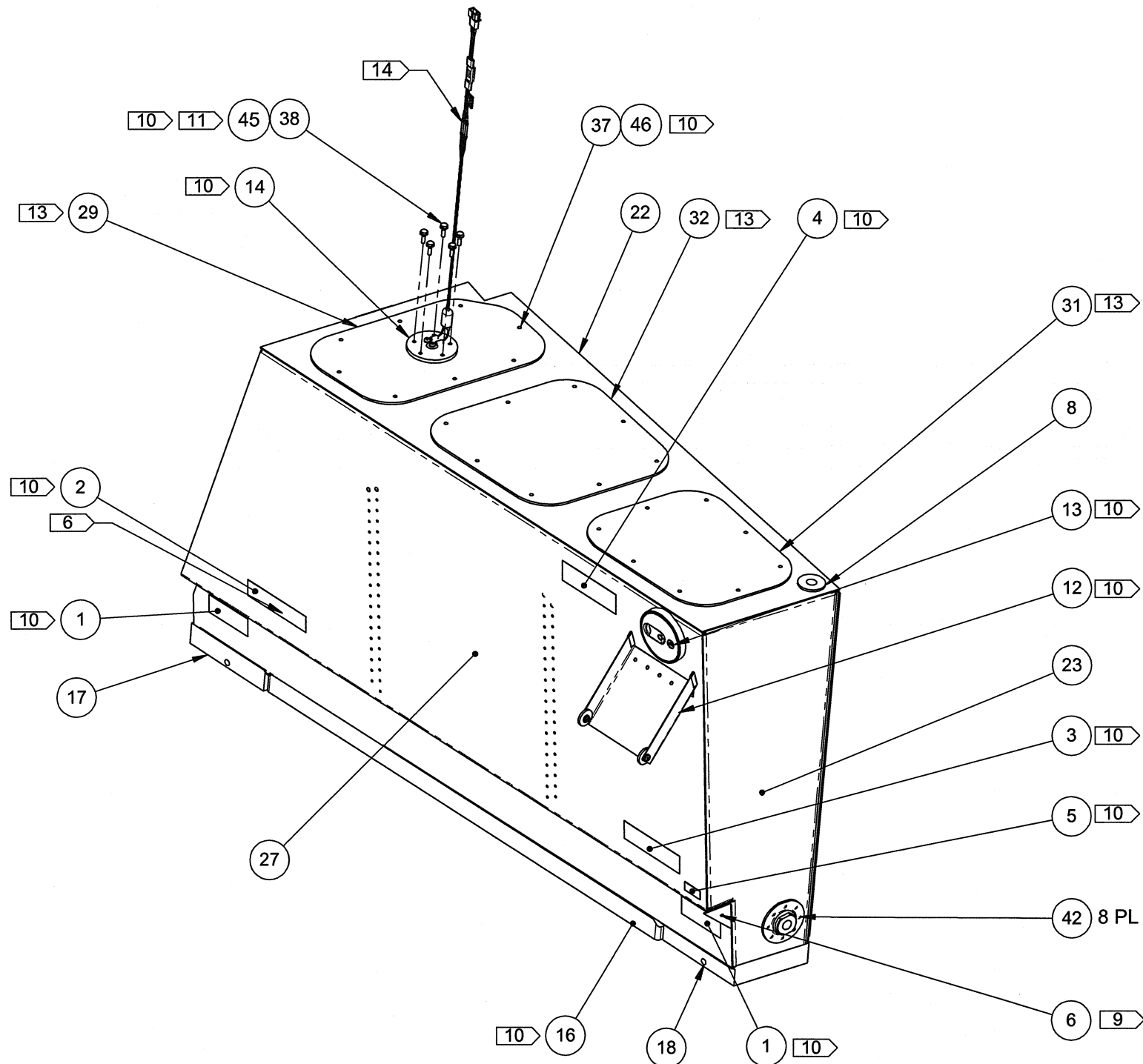
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D

C

B

A



**D4464-041 FUEL TANK ASSEMBLY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: PRIME TEMPO GREY (4.2.1.3.2) PER DART QSI 005 4.2.1  
PAINT FLAT GREY (4.2.2.3) PER DART QSI 005 4.2.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D350-794-141" USING D2729-4 RED DECAL.
- 7) WEIGHT: 39.33 lbs
- 8) LPI AND PRESSURE TEST PER DART QSI 038 6.3
- 9) MASK PRIOR TO FINISH
- 10) INSTALL AFTER FINISH
- 11) LOCKWIRE BOLTS AFTER INSTALLATION PER AC 43.13 OR MS33540
- 12) INSTALL CUSHION USING CONTACT CEMENT. TRIM TO FIT IF REQUIRED
- 13) INSTALL D4577-041/-1/-3 ACCESS PANELS WET WITH PROSEAL P/S 890B.
- 14) COIL AND TAPE FUEL GAUGE SENDER WIRING TO TOP OF TANK UNTIL TIME OF INSTALLATION.

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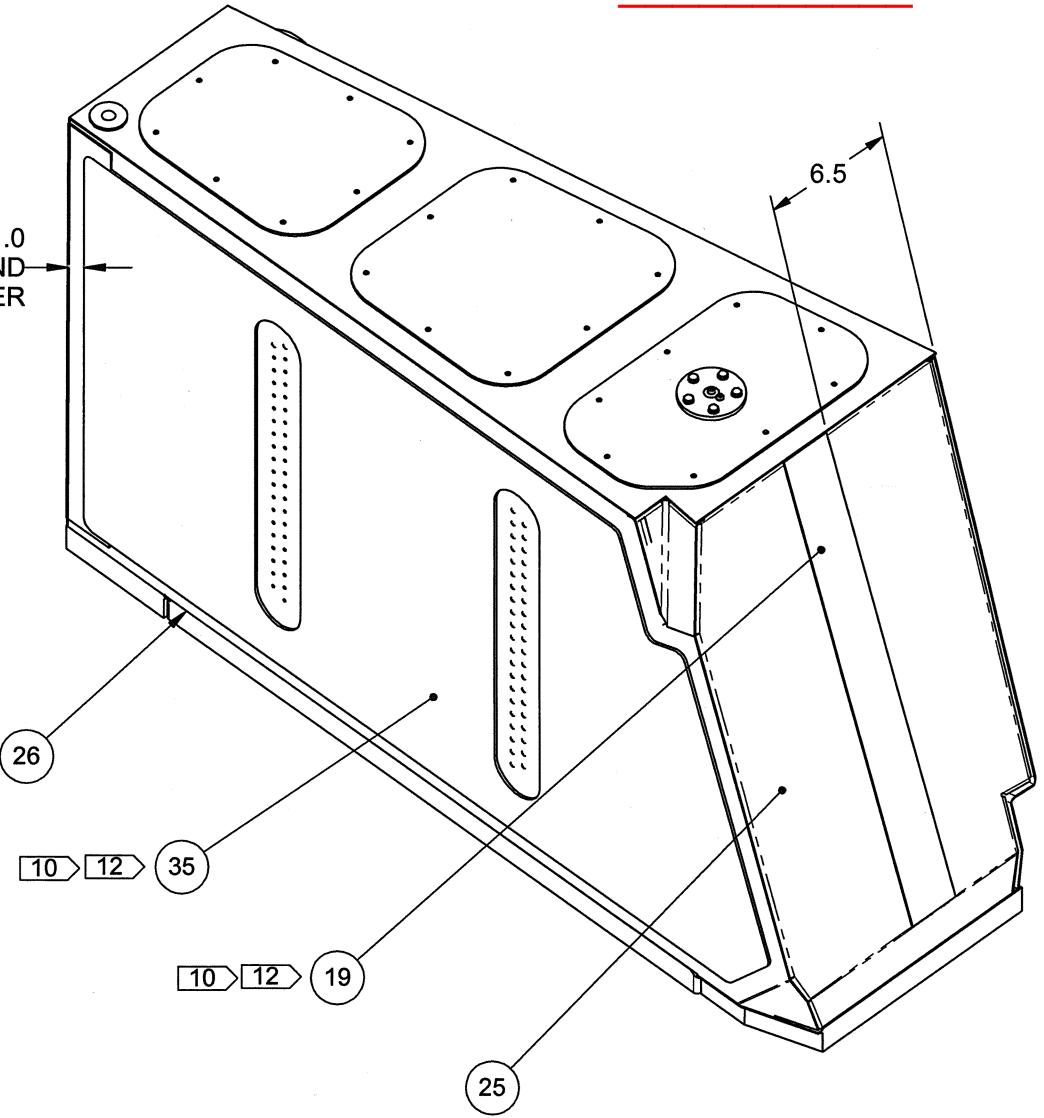
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MFG. APPR.	JFS	<b>D4464</b>	SHEET 2 OF 6
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**UNDER REVIEW**  
**ECR: HB ECR 55**

1.0  
APPROX AROUND  
PERIMETER

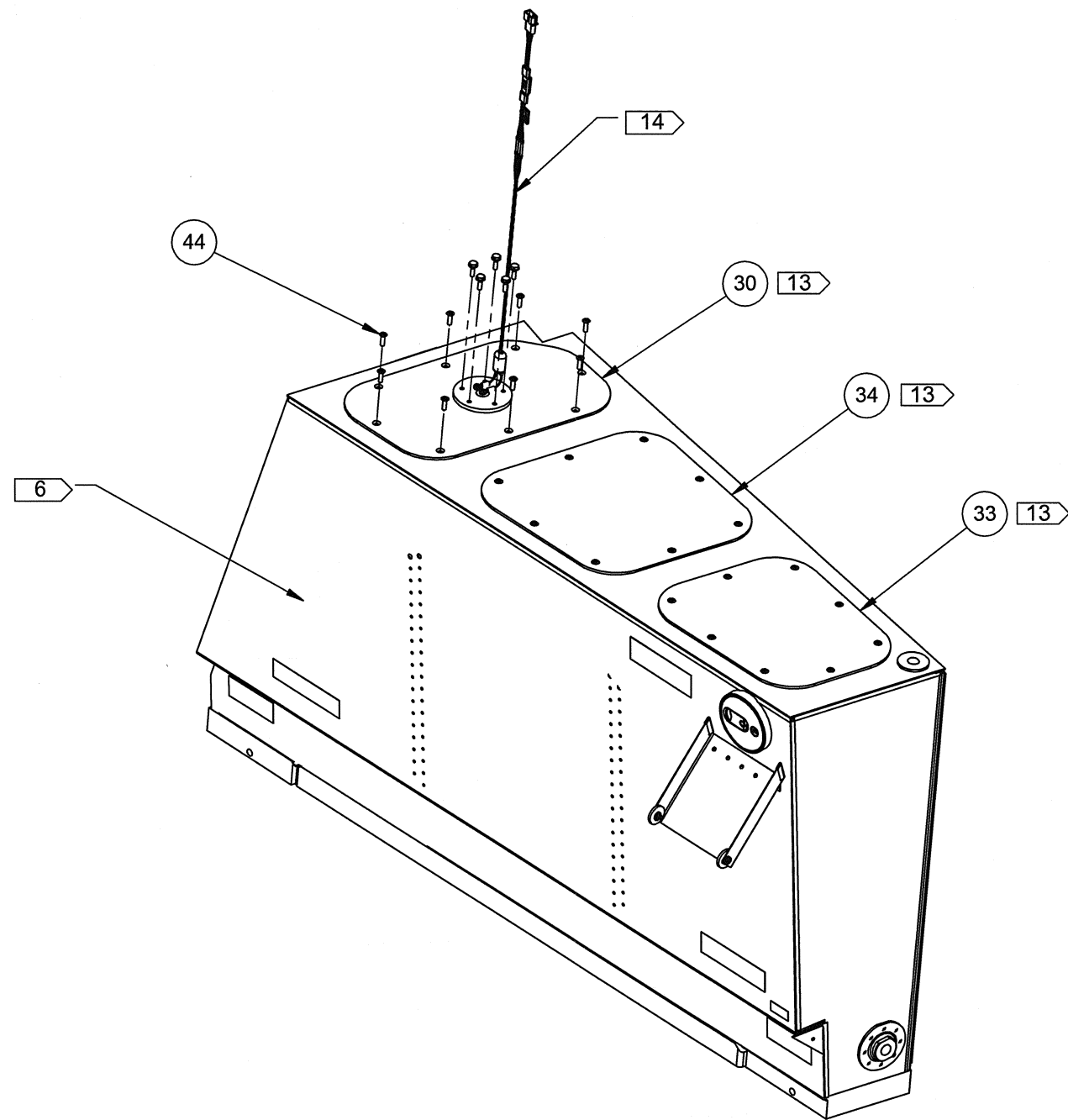


D

C

B

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UNDER REVIEW  
ECR: HB ECR 55

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: PRIME TEMPO GREY (4.2.1.3.2) PER DART QSI 005 4.2.1  
PAINT FLAT GREY (4.2.2.3) PER DART QSI 005 4.2.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D350-794-141" USING D2729-4 RED DECAL
- 7) WEIGHT: 39.33 lbs
- 8) LPI AND PRESSURE TEST PER DART QSI 038 6.3
- 9) MASK PRIOR TO FINISH
- 10) INSTALL AFTER FINISH
- 11) LOCKWIRE BOLTS AFTER INSTALLATION PER AC 43.13 OR MS33540
- 12) INSTALL CUSHION USING CONTACT CEMENT. TRIM TO FIT IF REQUIRED
- 13) INSTALL D4577-043/-7/-9 ACCESS PANELS WET WITH PROSEAL P/S 890B.
- 14) COIL AND TAPE FUEL GAUGE SENDER WIRING TO TOP OF TANK UNTIL TIME OF INSTALLATION.



**D4464-043 FUEL TANK ASSEMBLY**  
(SAME AS D4464-041 EXCEPT AS NOTED)

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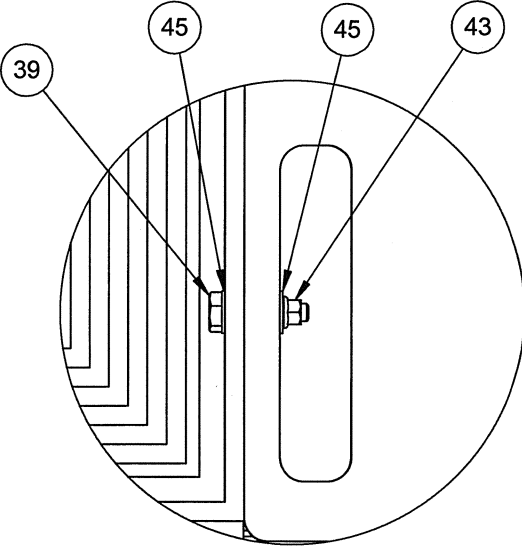
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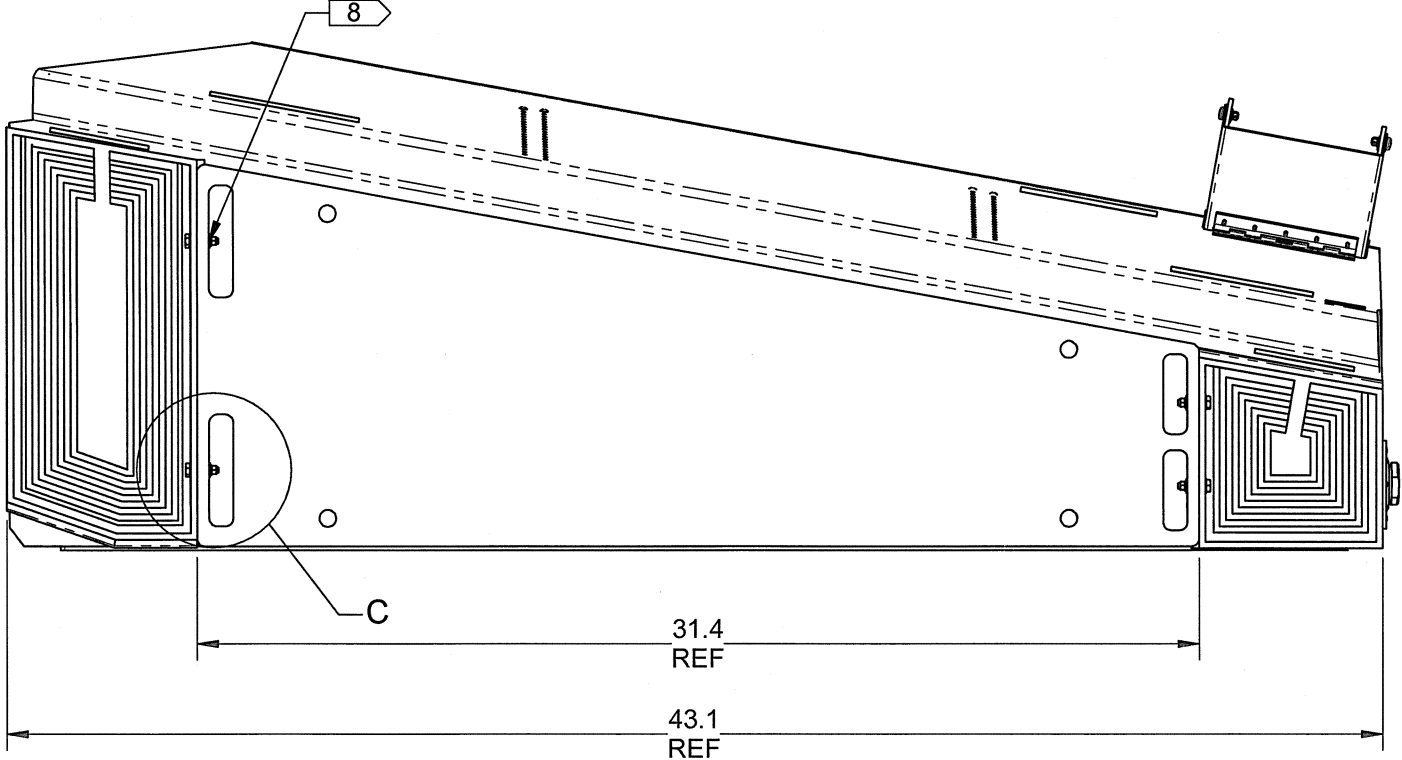
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MFG. APPR.	JFS	<b>D4464</b>	SHEET 3 OF 6
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**DETAIL C**  
SCALE 3X  
4PL  
J



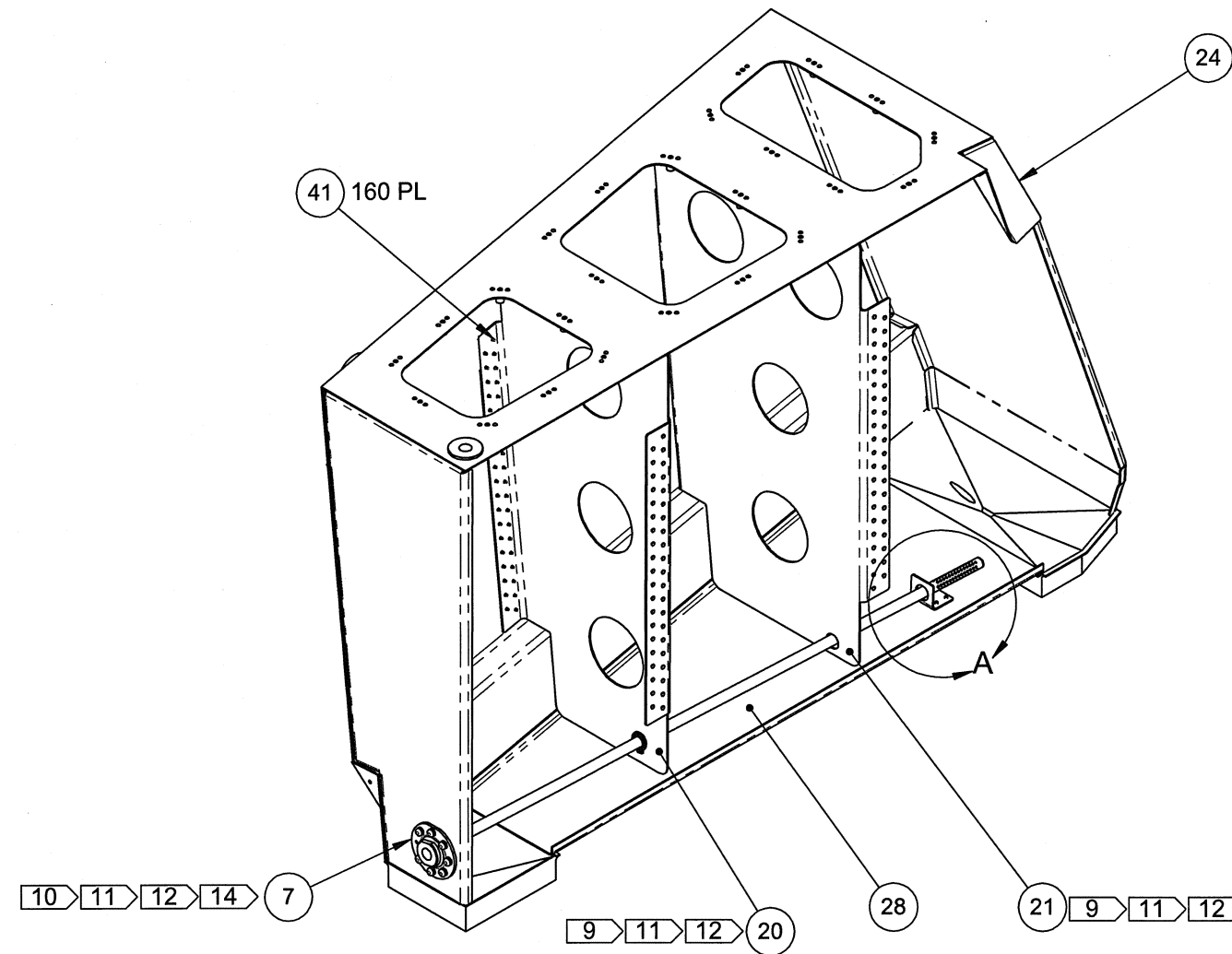
**D4464-041/-043 FUEL TANK ASSEMBLY**  
AUXILIARY VIEW

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: N/A
  - 8) TRANSFER DRILL HOLES FROM D4125-1/-3 SEDIMENT BOWLS TO D4062-041 TANK SUPPORT ASSEMBLY

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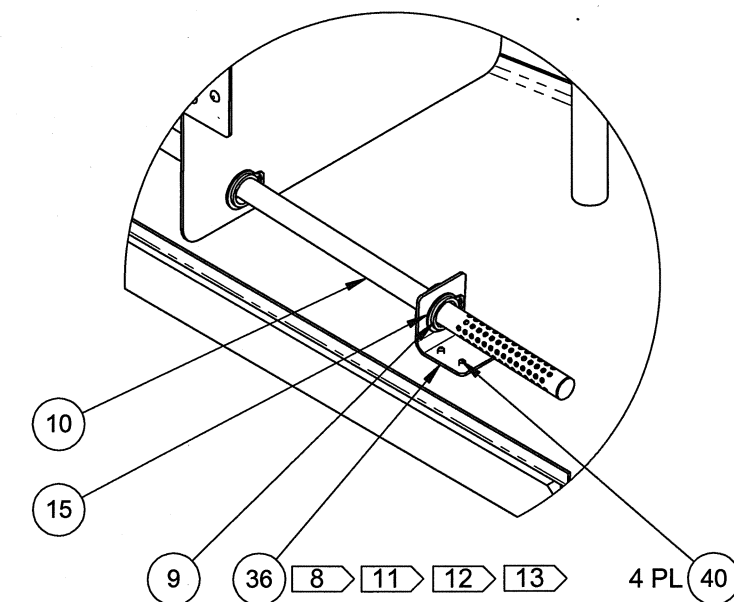


**D4464-041/-043 FUEL TANK ASSEMBLY**  
D4463-9 TANK BACK REMOVED  
TO SHOW INTERIOR DETAIL

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) COAT FAYING SURFACES OF D4975-1 ANGLE BRACKET AND D4463-13 TANK BOTTOM WITH PROSEAL P/S 890B AND WET INSTALL MS20426AD4-4 RIVETS
- 9) COAT FAYING SURFACES OF D4462-1/-3 BAFFLES AND D4463-9/-11 TANK FRONT/BACK WITH PROSEAL P/S 890B AND WET INSTALL MS20470AD4-4 RIVETS
- 10) COAT FAYING SURFACES OF D4000-1 FUEL SUPPLY FITTING AND D4463-3 TANK AFT END WITH PROSEAL P/S 890B AND WET INSTALL MS20470AD4-6 RIVETS
- 11) FILLET SEAL THE INTERIOR OF THE TANK AROUND THE EDGE OF D4975-1 ANGLE BRACKET, D4462-1/-3 BAFFLES AND D4000-1 FUEL SUPPLY FITTING WITH PROSEAL P/S 890B
- 12) DOME SEAL ALL BUCKED ENDS OF RIVETS WITH PROSEAL P/S 890B
- 13) TRANSFER DRILL  $\phi 0.128$  HOLES FROM D4975-1 ANGLE BRACKET INTO D4463-13 TANK BOTTOM AND COUNTERSINK HOLES  $\phi 0.225 \times 100^\circ$  FROM THE OUTSIDE OF THE TANK
- 14) INSTALL D4000-1 FITTING WITH FLAT FACING UPWARDS
- 15) BRUSH PROSEAL 890A ON ALL INTERNAL SHEET METAL FOLDS

**UNDER REVIEW**  
**ECR: HB ECR 55**



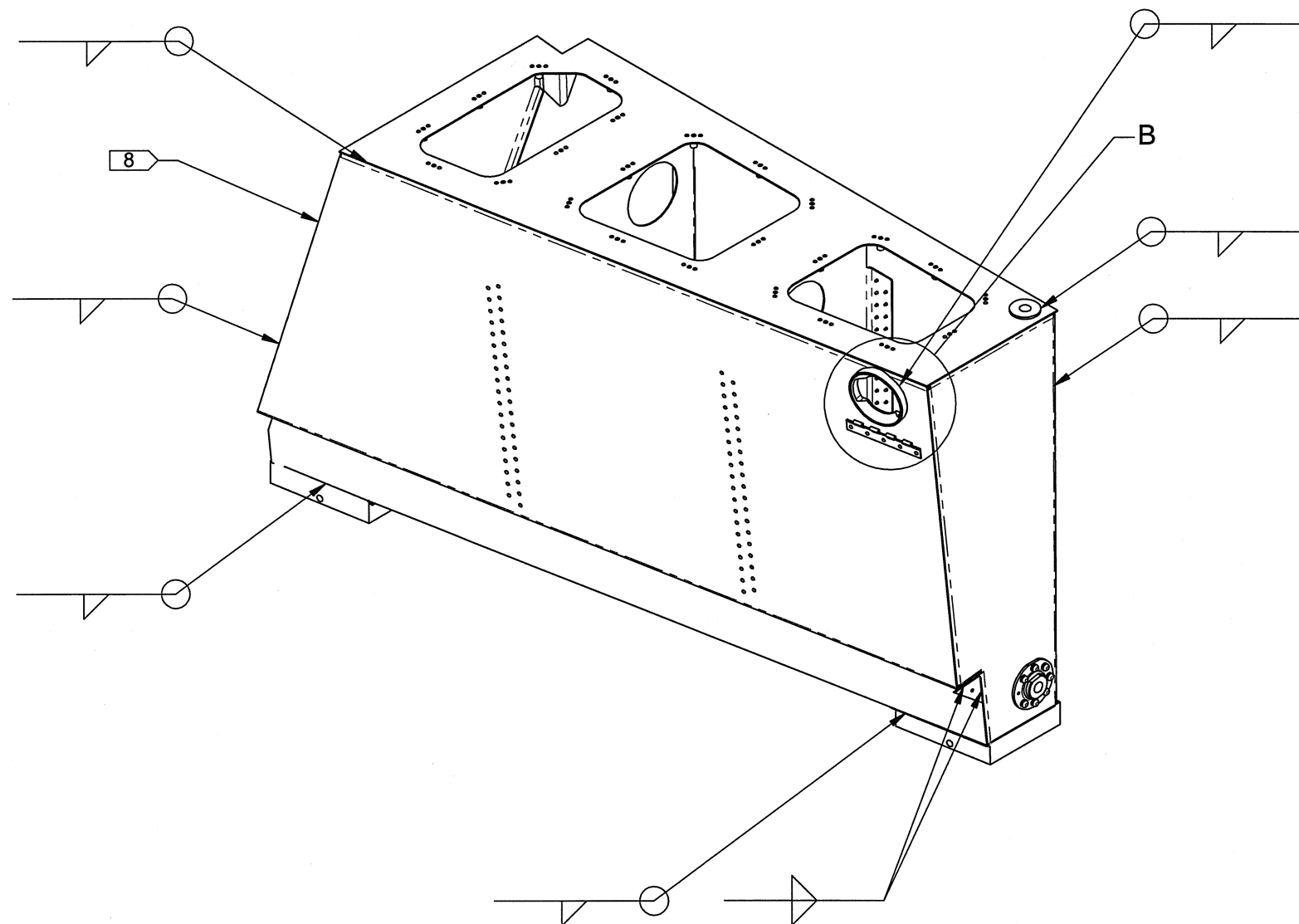
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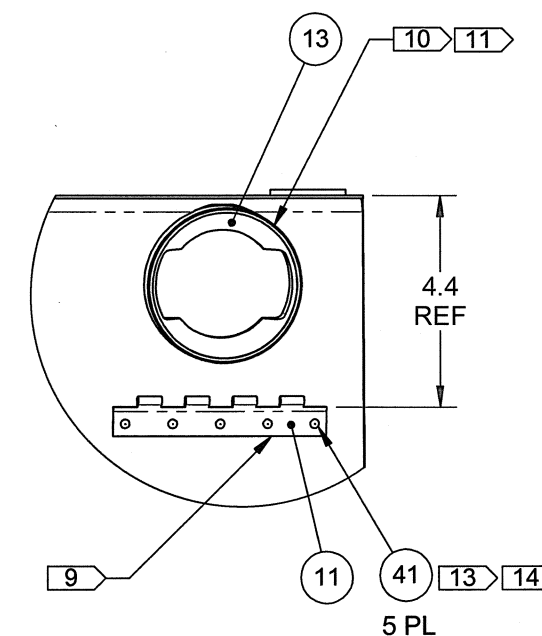


**D4464-041/-043 FUEL TANK ASSEMBLY**  
WELDING AND RIVETING DETAIL

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) TRIM FLANGES AS REQUIRED TO FIT ASSEMBLY
- 9) CENTER HINGE BELOW FUEL CAP FLANGE
- 10) POSITION FUEL CAP FLANGE AS SHOWN, ELONGATED HOLE APPROXIMATELY HORIZONTAL
- 11) POSITION FUEL CAP FLANGE SO THAT INNER FACE IS FLUSH WITH INSIDE OF TANK
- 12) WELD PER DART QSI 004
- 13) COAT FAYING SURFACES OF D4008-11 TANK HINGE HALF AND D4463-11 TANK FRONT WITH PROSEAL P/S 890B AND WET INSTALL MS20470AD4-4 RIVETS
- 14) DOME SEAL ALL BUCKED ENDS OF RIVETS WITH PROSEAL P/S 890B

**UNDER REVIEW**  
**ECR: HB ECR 55**



**DETAIL B**  
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